

ABSTRACT OF THE DISCLOSURE

To control load/unload operation of a slider with magnetic head mounted thereon, by which the speed can always be controlled stably while avoiding the slowdown or temporary stop of an actuator during load/unload operation, a magnetic disk drive is configured using magnetic disk media with the servo information written therein beforehand up to the track located at a position corresponding to the landing zone for the load operation of the magnetic head (slider). The speed of the magnetic head (slider) withdrawn to the ramp is controlled at the unload operation. In the stage of initialization for controlling the speed of the load/unload operation, various parameters are recorded and updated to apply a voltage to power amplifier for compensating for the external forces caused by the friction mainly exerted between ramp and slider support members, with reference to the take-off track or the landing track specified in the landing zone.